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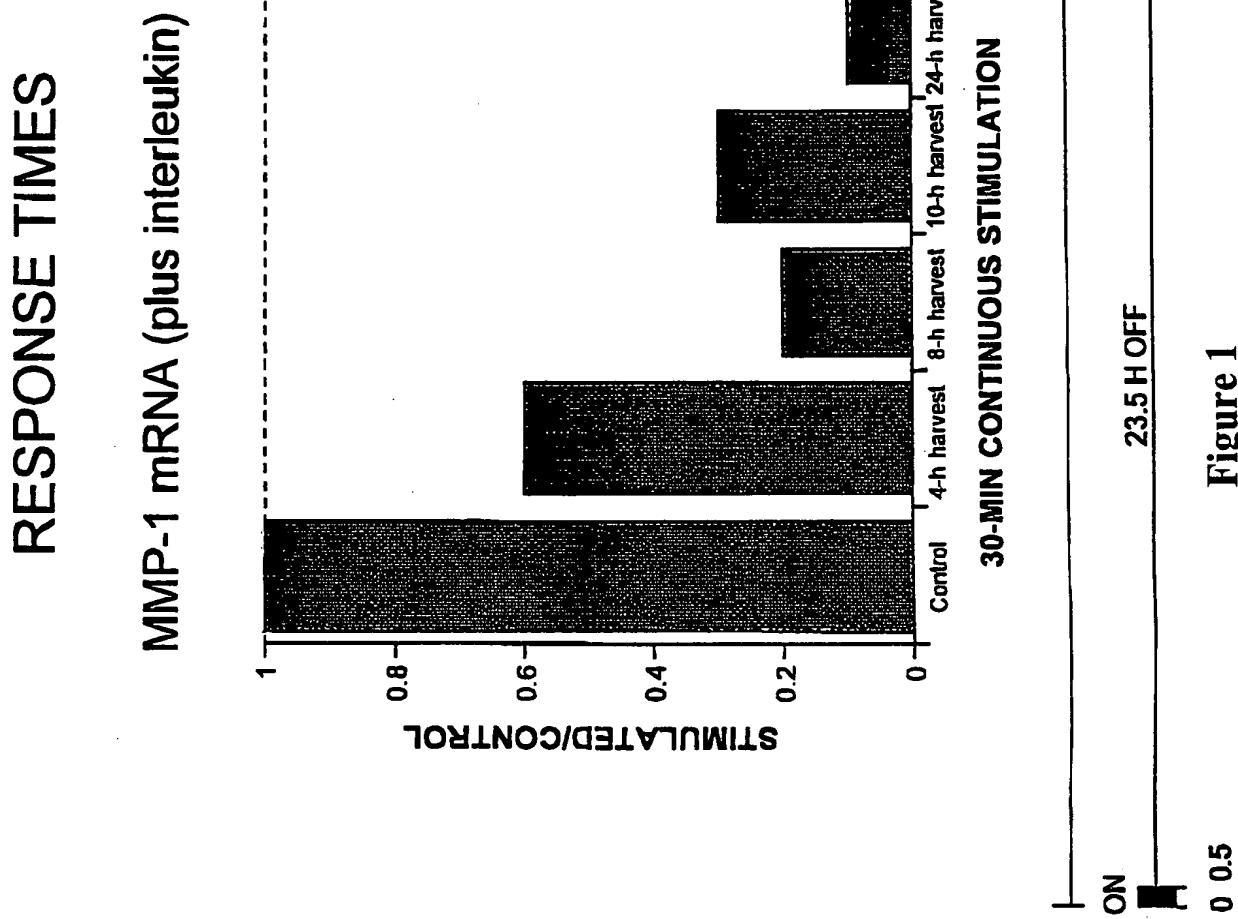
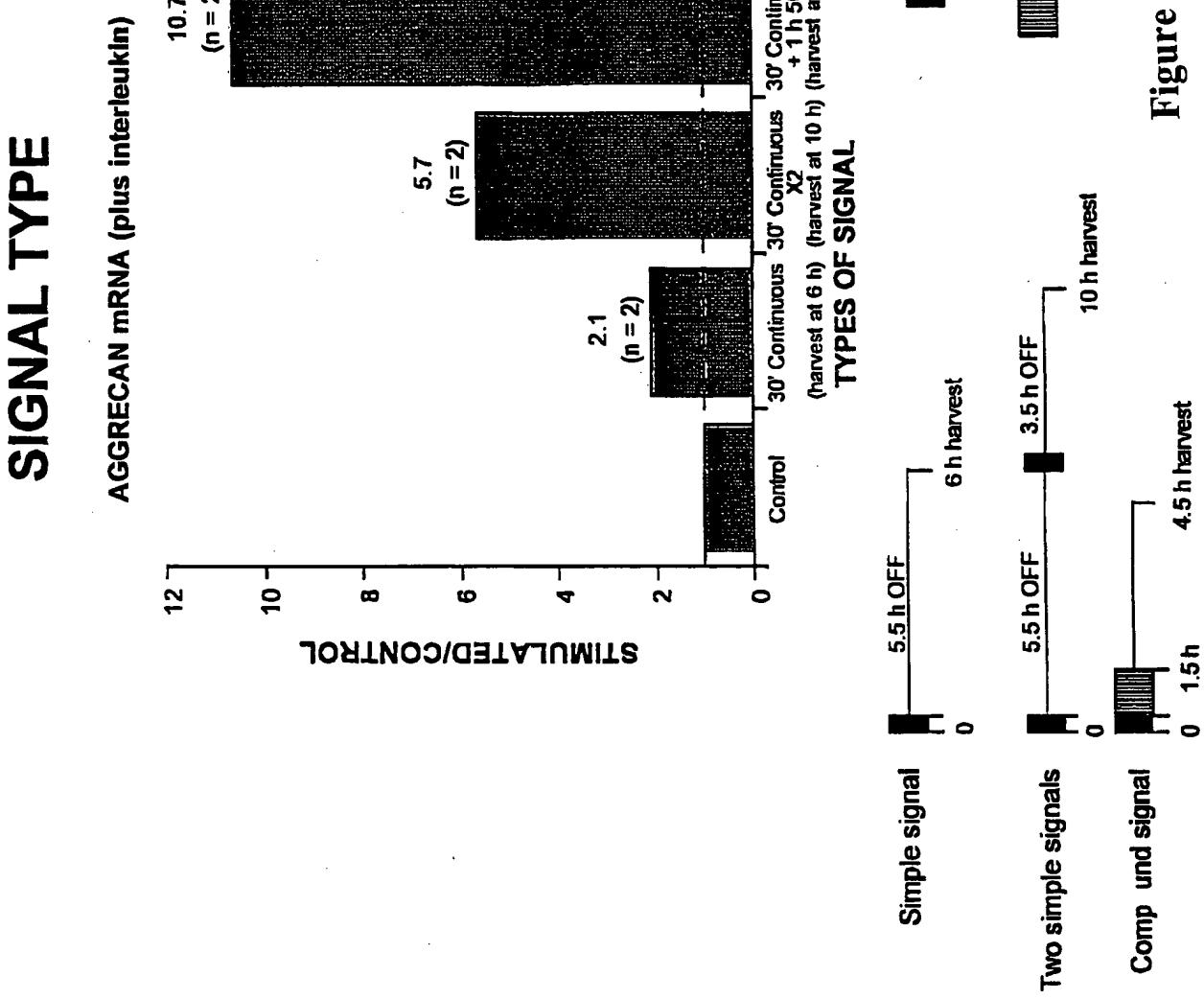
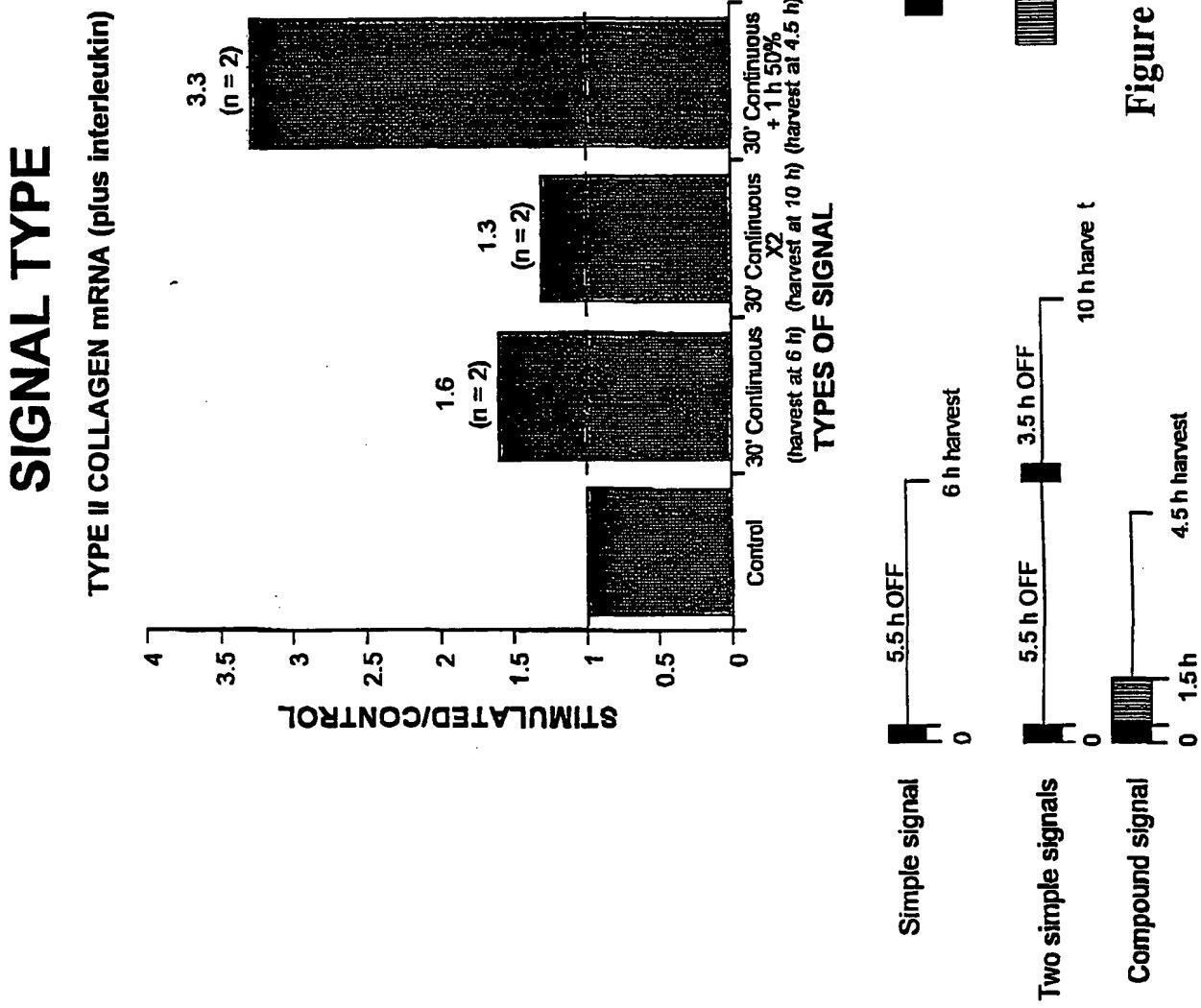


Figure 1

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HEXOSAMINE PRODUCTION
With and without electrical stimulation (Stim.)
With and without interleukin (IL)

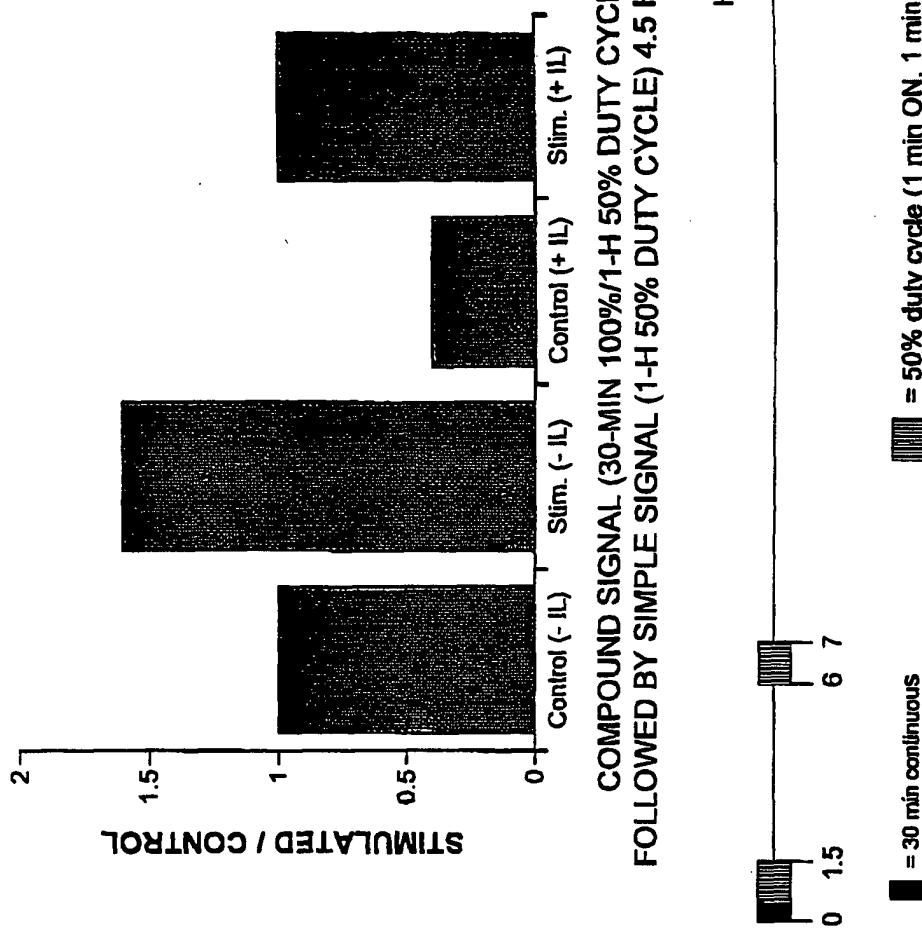


Figure 4

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HYDROXYPROLINE PRODUCTION With and without electrical stimulation (Stim.) With and without interleukin (IL)

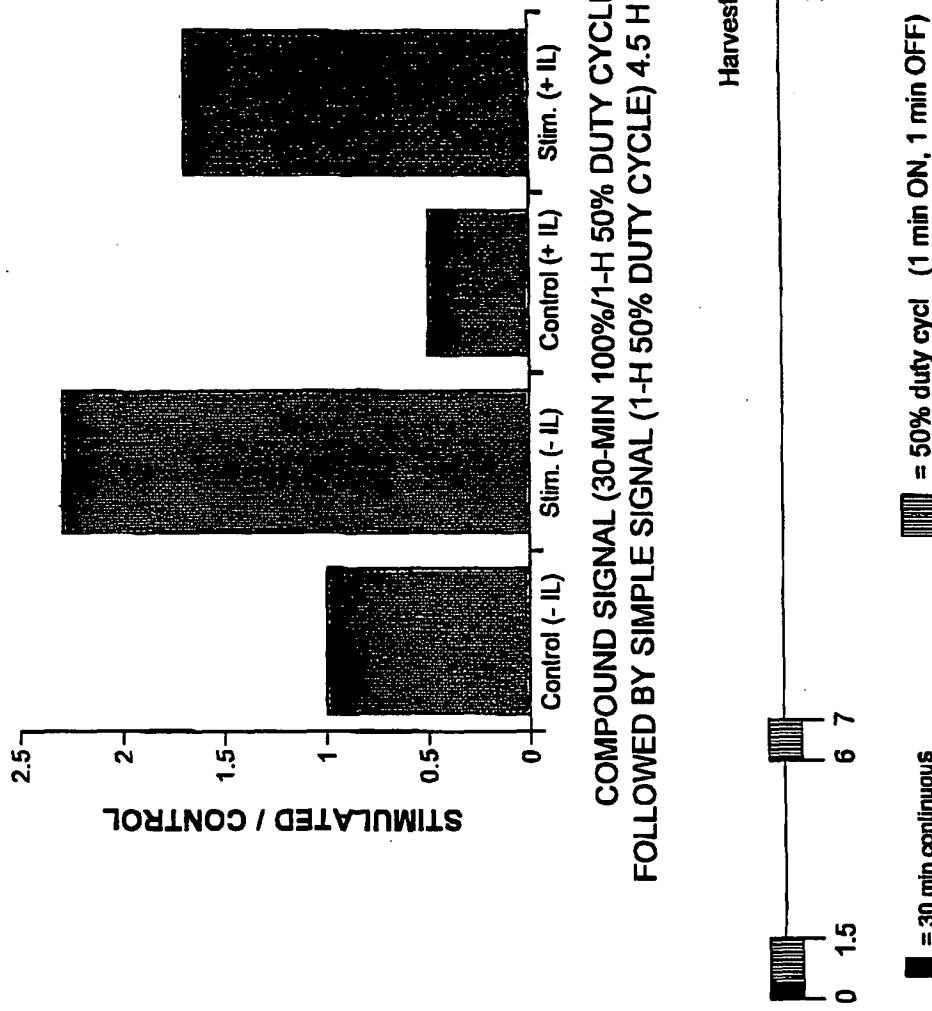
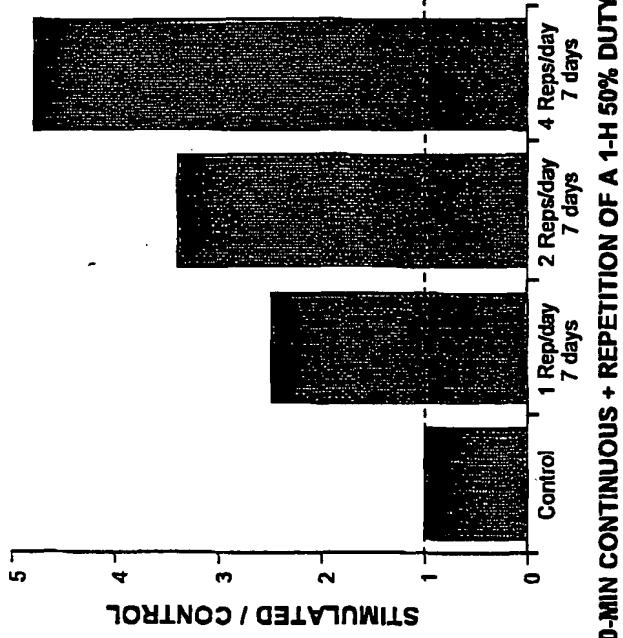


Figure 5

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HEXOSAMINE (PROTEOGLYCAN) INCREASES AFTER VARIOUS SIGNAL TYPES



0-MIN CONTINUOUS + REPETITION OF A 1-H 50% DUTY CYCLE

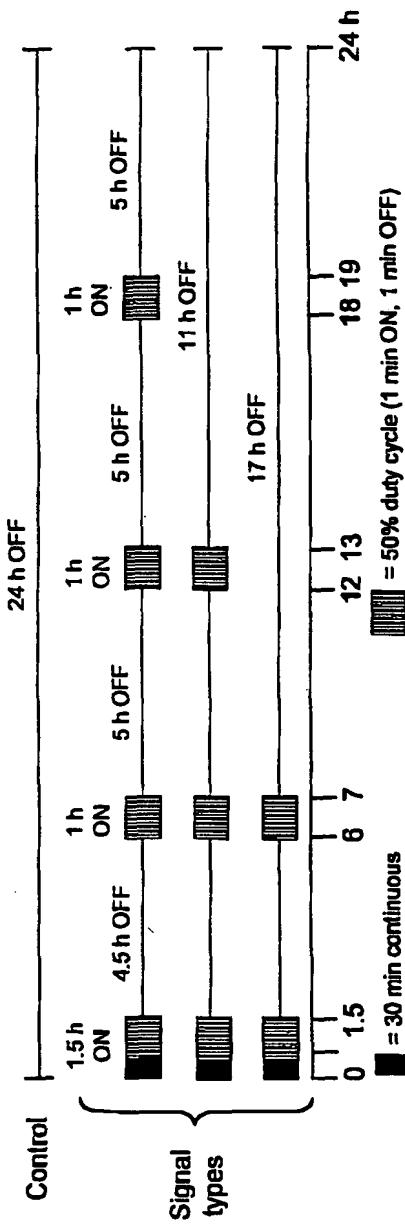
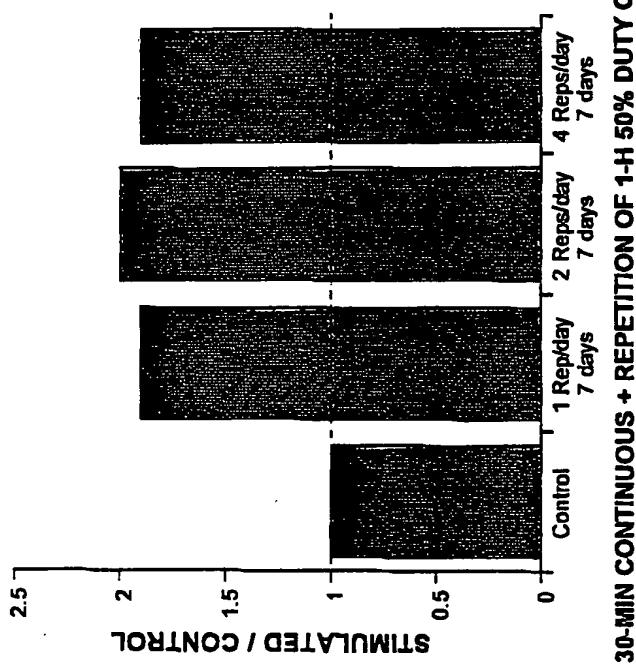


Figure 6

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HYDROXYPROLINE (COLLAGEN) INCREASES AFTER VARIOUS SIGNAL TYPES



30-MIN CONTINUOUS + REPETITION OF 1-H 50% DUTY CYCLE

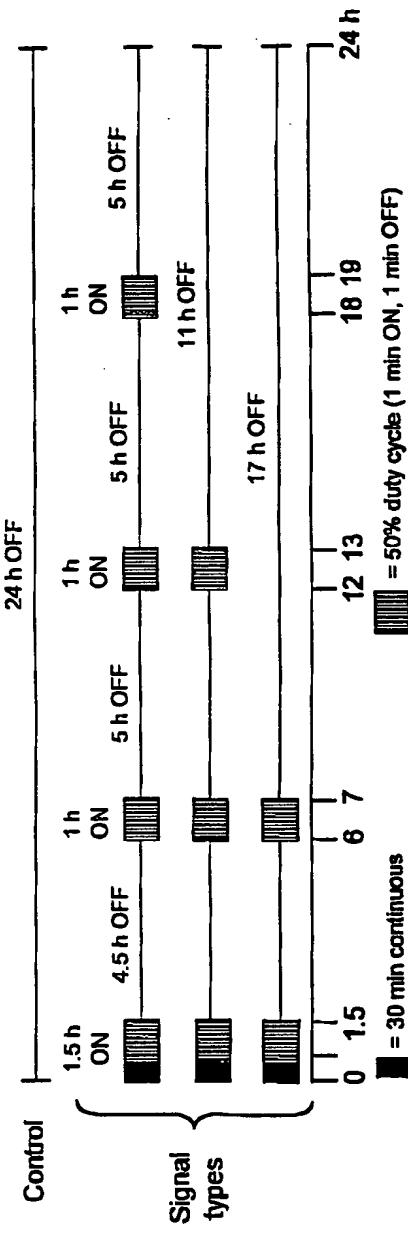


Figure 7

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DEVICE SIGNAL MODES

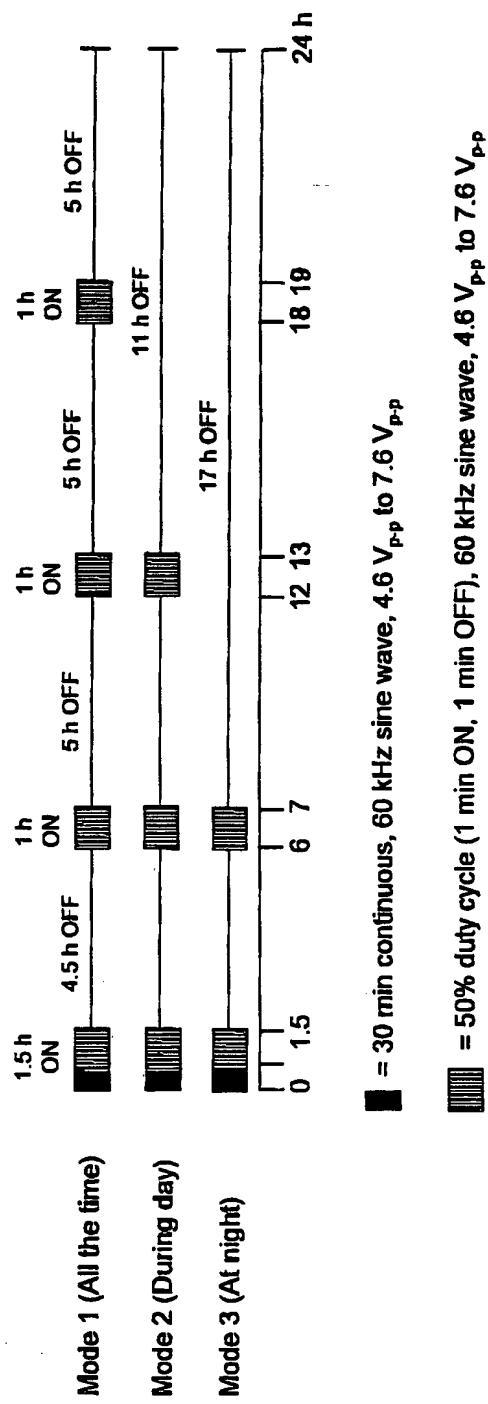


Figure 8

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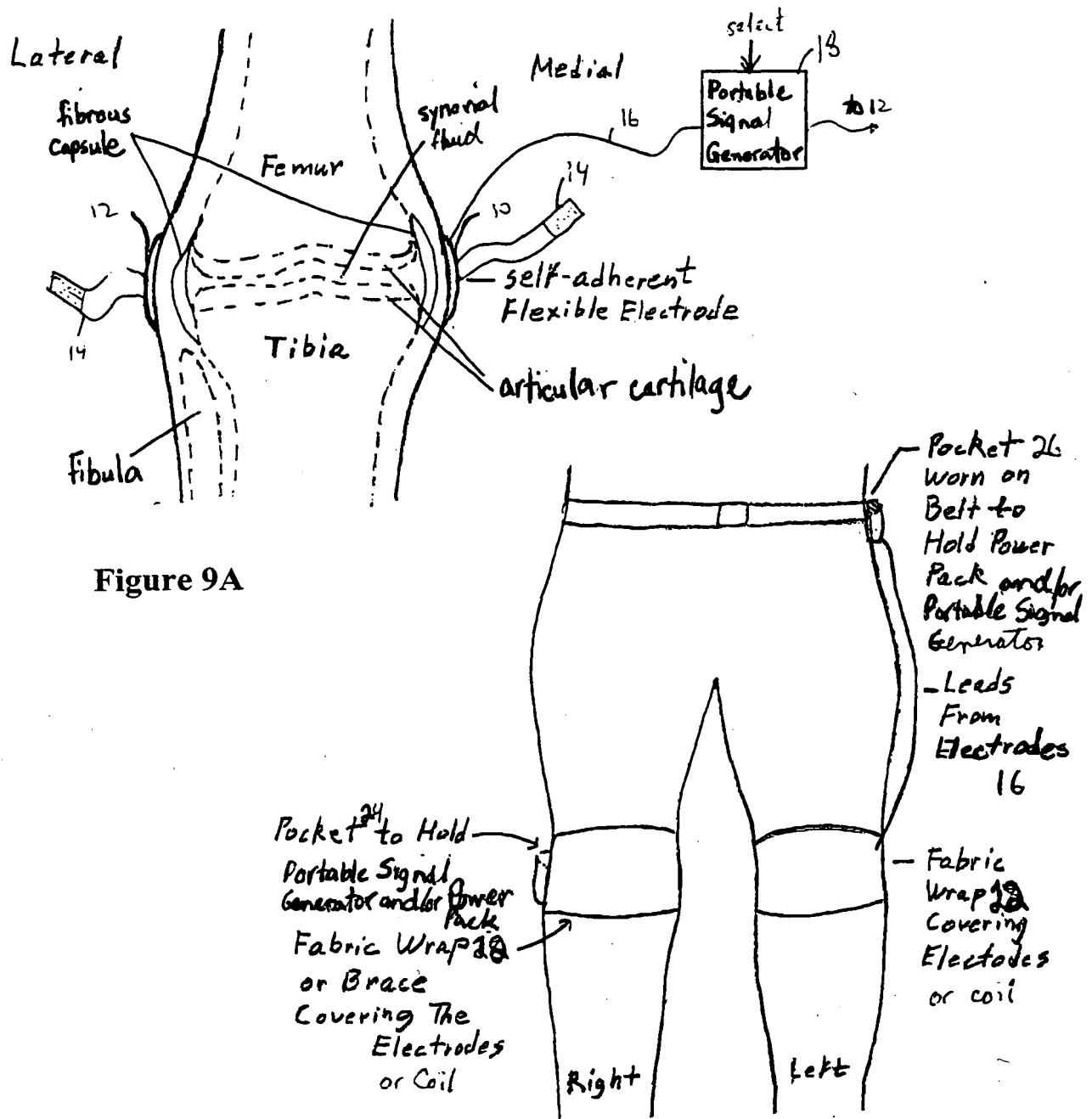


Figure 9B

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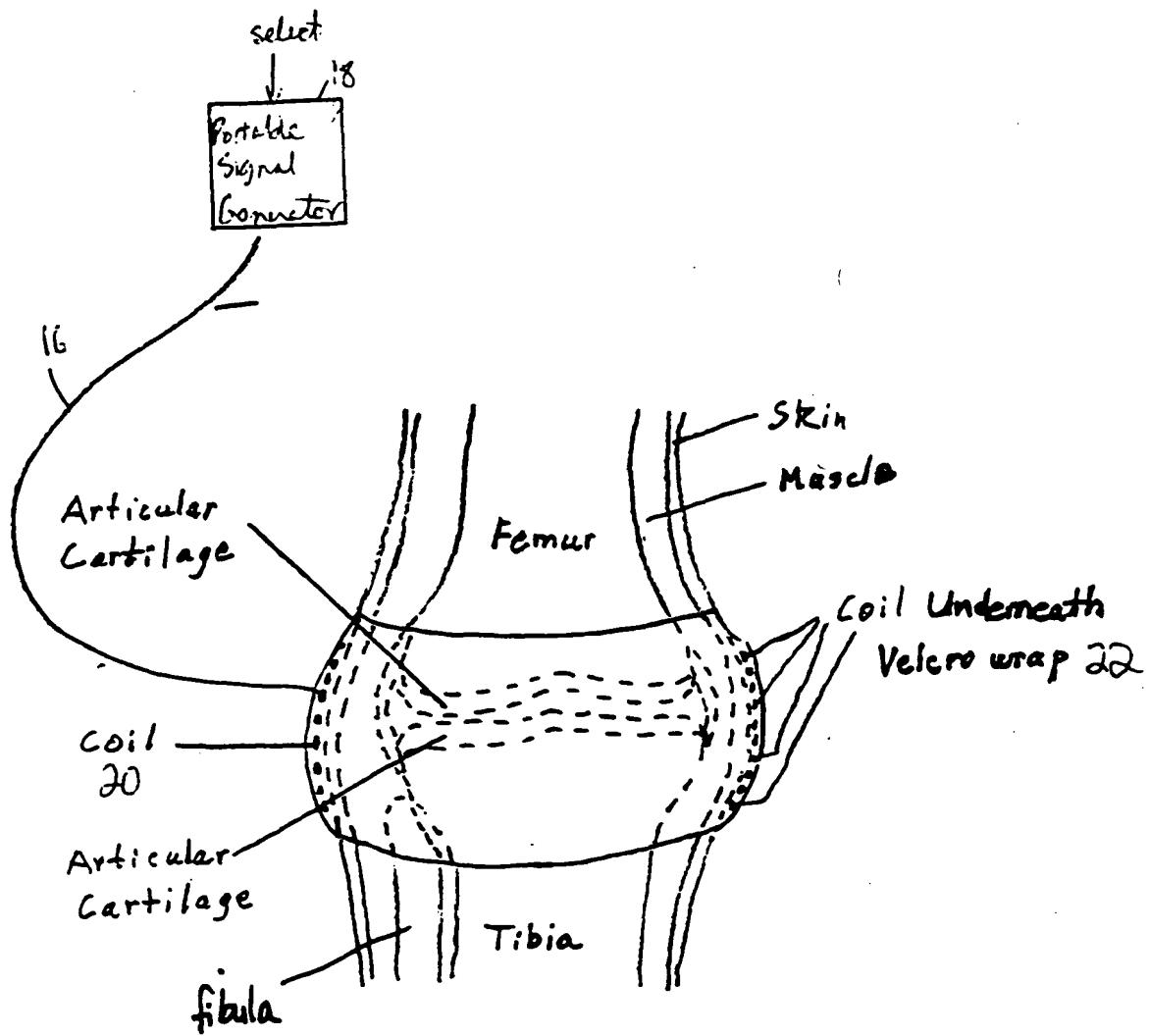


Figure 9C

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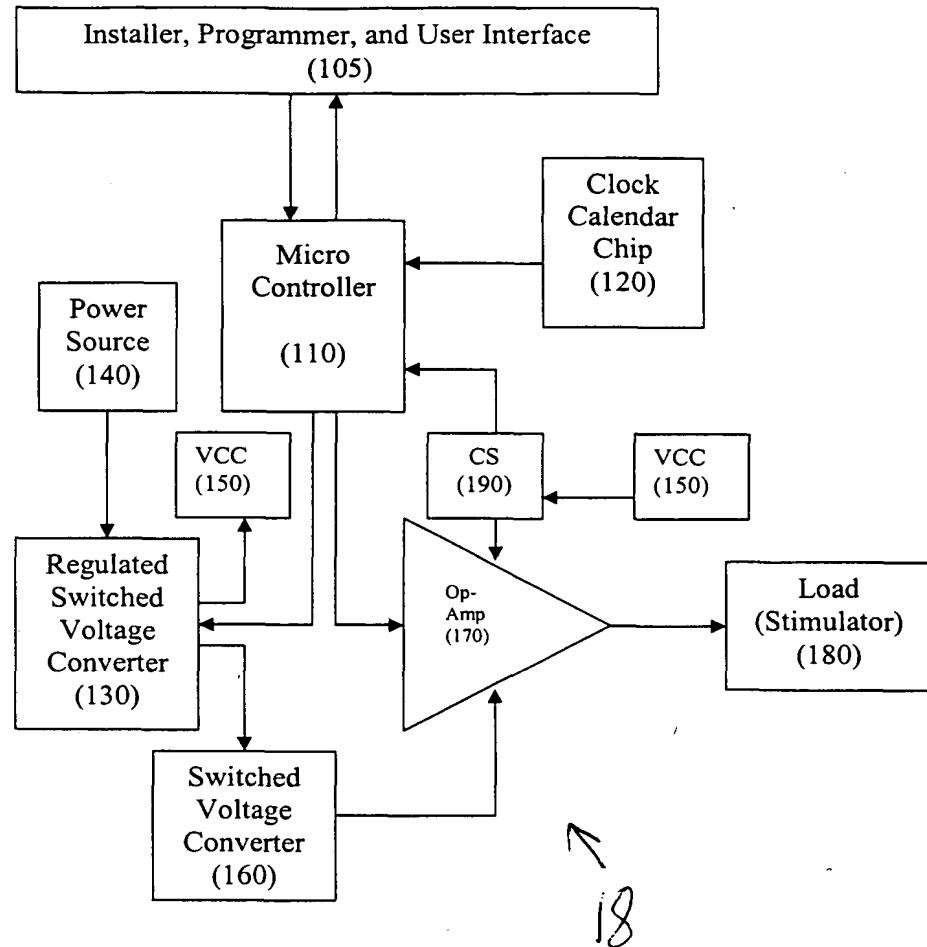


Figure 10

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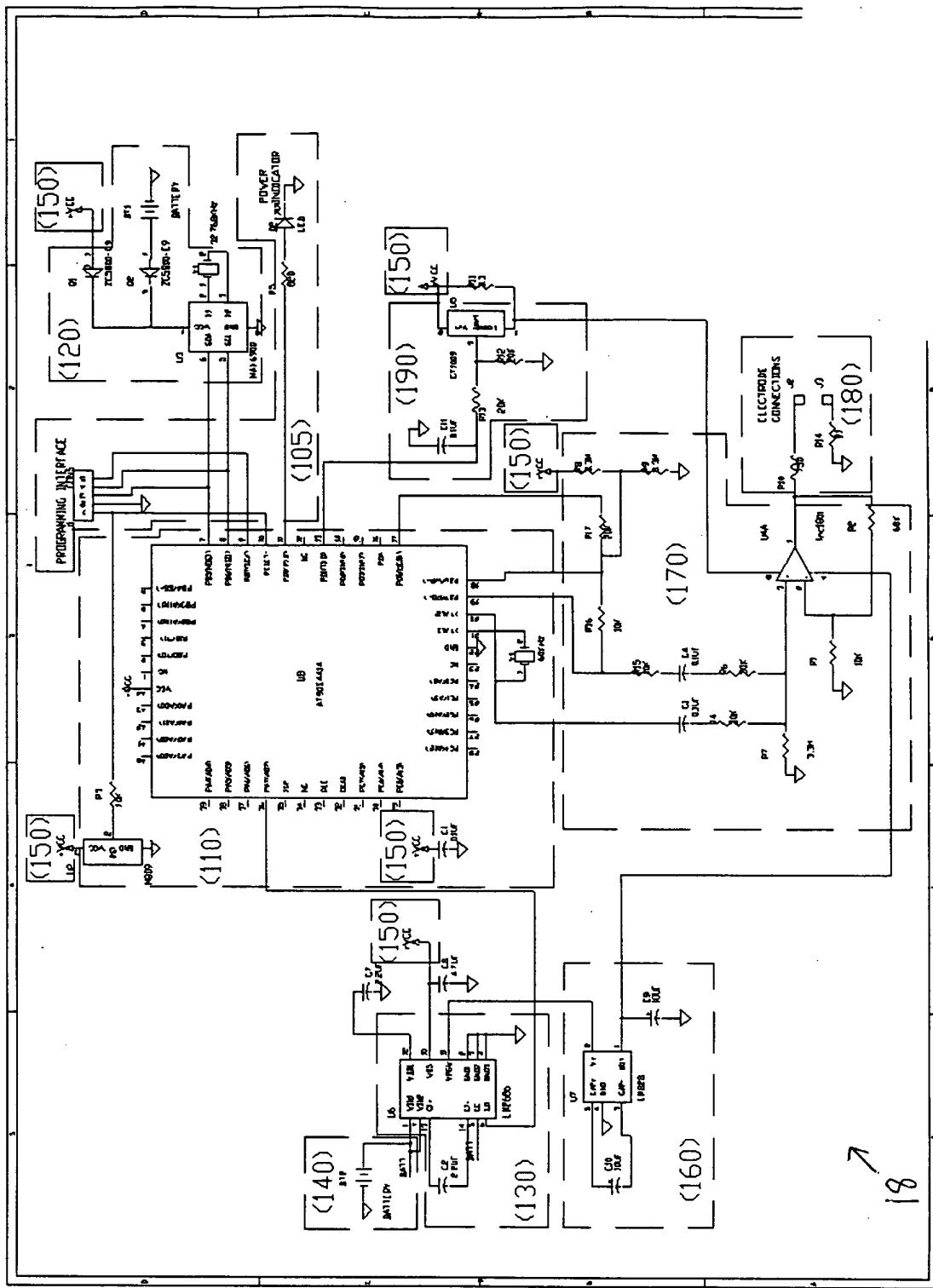


Figure 11

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